Comparisons of Job Characteristics

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	18.4	17.4	0	Current knowledge level may be sufficient
Medicine and Dentistry	3.7	13.7	16.4	>	Current knowledge level is likely sufficient
Physics	4.3	12.4	2.6	<<	Extensive education and/or training may be required
Psychology	6.4	11.2	19.0	>>	Current knowledge level is likely more than sufficient
Biology	3.7	8.6	8.7	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Service Orientation	7.9	10.2	12.2	>	Skill level is likely sufficient
Operation and Control	5.4	9.5	6.1	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	9.0	7.4	<	A higher skill level may be required
Science	4.5	8.2	9.6	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	10.5	10.0	0	Current ability level may be sufficient
Control Precision	6.6	10.3	7.3	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	9.8	8.2	<	Some improvement in abilities may be required
Static Strength	5.0	8.2	9.1	>	Current ability level is likely sufficient
Extent Flexibility	4.8	8.0	7.2	<	Some improvement in abilities may be required
Response Orientation	4.0	7.7	6.0	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Work Activities	Exclusivity of Activity
Administer injections	60
Analyze medical data	57
Collect clinical data	56
Communicate technical information	4
Follow infectious materials procedures	52
Follow patient observation procedures	71
Identify body response variations	57
Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Observe patient condition	48
Prepare patients for tests, therapy, or treatments	70
Record medical history or data	68
Take vital signs	56
Understand technical operating, service or repair manuals	6
Use clinical sterilizing technique	71
Use emergency medical procedures	64
Use hazardous materials information	35
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Radiologic Technologists (29-2034)

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Computers	1
Electrocardiography EKG units and related products	20
Emergency medical services resuscitation products	15
Enema administration supplies	31
Industry specific software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Medical ultrasound and doppler and echo imaging products	19
Oxygen therapy delivery systems and devices	13
Specimen collection and transport containers and supplies	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.